Freeform Search

Database: US Pre-Grant Publication Full-Text Database; **US Patents Full-Text Database**; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: L24 and @ad<19960801

Display: 10 **Documents in Display Format:** CIT **Starting with Number** 1

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

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Search History

DATE: Monday, February 26, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT; PLUR=YES; OP=OR			
L25	L24 and @ad<19960801	14	L25
L24	L23 NOT L15	89	L24
L23	L22	91	L23
L22	L20 NOT L8	91	L22
L21	L20 NOT L14	18	L21
L20	L19 and $4sorbable	96	L20
L19	L18 and silicon	319	L19
L18	L13 and (424/422 or 424/423 or 424/426).ccls.	319	L18
DB=USPT; PLUR=YES; OP=OR			
L17	(5676976 or 6214468).pn.	2	L17
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L16	L15 NOT L8	28	L16
L15	L14 same ((bioactive or resorbable or absorbable) near5 silicon)	58	L15
L14	L13 same implant$6	75321	L14
	L7 same (silicon or ((bioactive or resorbable or absorbable) near5		

L13	silicon))	318898	L13
DB=EPAB; PLUR=YES; OP=OR			
L12	DE-3305572-A.did.	0	L12
L11	EP-119403-B.did.	0	L11
L10	GB-2303847-A.did.	1	L10
L9	GB-2303847-A.did.	1	L9
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L8	L7 with ((bioactive or resorbable or absorbable) near5 silicon)	35	L8
L7	implant$6 or device$2 or prosthe$5 or instrument$6	10832971	L7
L6	implant$6 or device$2 or prosthe$5 or instrument$6	10832971	L6
DB=USPT; PLUR=YES; OP=OR			
L5	7186267.pn.	0	L5
L4	1786267.pn.	1	L4
DB=PGPB,USPT; PLUR=YES; OP=OR			
L3	L2	43	L3
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	L1 and (implant$6 or device$2 or prosthe$5 or instrument$6)	56	L2
L1	Leigh near4 Canham	79	L1

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 13:27:27 ON 26 FEB 2007)

FILE 'CAPLUS, MEDLINE, USPATFULL' ENTERED AT 13:27:43 ON 26 FEB 2007

L1	5074700	S	(IMPLANT? OR DEVICE? OR PROSTHE? OR INSTRUMENT?)
L2	99	S	L1 (P) ((BIOACTIVE OR RESORBABLE OR ABSORBABLE) (5A) SILICON)
L3	84	S	L2 (P) (IMPLANT? OR INSERT?)
L4	0	S	L2 (P) ((MACRO OR MICRO) (5A) POROUS)
L5	0	S	L2 (P) (((MACRO OR MICRO) (5A) POROUS) (5A) SILICON)
L6	15	S	L2 (P) ((MACROPOROUS OR MICROPOROUS OR POROUS) (5A) SILICON)
L7	14		DUPLICATE REMOVE L6 (1 DUPLICATE REMOVED)
L8	14		FOCUS L7 1-

L8 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2007 ACS on STN

TI Engineering of bone using bone marrow stromal cells and a silicon-stabilized tricalcium phosphate bioceramic: Evidence for a coupling between bone formation and scaffold resorption

AB Resorbable porous ceramic constructs, based on silicon-stabilized tricalcium phosphate, were implanted in critical-size defects of sheep tibias, either alone or after seeding with bone marrow stromal cells (BMSC). Only BMSC-loaded ceramics displayed a progressive scaffold resorption, coincident with new bone deposition. To investigate the coupled mechanisms of bone formation and scaffold resorption, X-ray computed microtomog. (μCT) with synchrotron radiation was performed on BMSC-seeded ceramic cubes. These were analyzed before and after implantation in immunodeficient mice for 2 or 6 mo. With increasing implantation time, scaffold thickness significantly decreased while bone thickness increased. The μCT data evidenced that all scaffolds showed a uniform d. distribution before implantation. Areas of different segregated densities were instead observed, in the same scaffolds, once seeded with cells and implanted in vivo. A detailed μX-ray diffraction anal. revealed that only in the contact areas between deposited bone and scaffold, the TCP component of the biomaterial decreased much faster than the HA component. This event did not occur at areas away from the bone surface, highlighting coupling and cell-dependency of the resorption and matrix deposition mechanisms. Moreover, in scaffolds implanted without cells, both the ceramic d. and the TCP:HA ratio remained unchanged with respect to the pre-implantation anal.

ACCESSION NUMBER: 2006:1346075 CAPLUS

TITLE: Engineering of bone using bone marrow stromal cells and a silicon-stabilized tricalcium phosphate bioceramic: Evidence for a coupling between bone formation and scaffold resorption

AUTHOR(S): Mastrogiacomo, M.; Papadimitropoulos, A.; Cedola, A.; Peyrin, F.; Giannoni, P.; Pearce, S. G.; Alini, M.; Giannini, C.; Guagliardi, A.; Cancedda, R.

CORPORATE SOURCE: Istituto Nazionale per la Ricerca sul Cancro, and Dipartimento di Oncologia, Largo R. Benzi, Biologia e Genetica dell'Universita' di Genova, 10, enova, 16132

SOURCE: Biomaterials (2007), 28(7), 1376-1384
CODEN: BIMADU; ISSN: 0142-9612

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

L8 ANSWER 6 OF 14 USPATFULL on STN

TI Devices and compositions containing boron and silicon for use in neutron capture therapy

AB The present invention relates to a boron containing therapeutic composition comprising: (i) a boron component formed at least partly from boron-10; and (ii) a silicon component. The composition is of value in the treatment of cancers by boron neutron capture therapy or in the treatment of arthritis by boron neutron capture synovectomy.

ACCESSION NUMBER: 2006:150872 USPATFULL

TITLE: Devices and compositions containing boron and silicon for use in neutron capture therapy

INVENTOR(S): Canham, Leight Trevor, Malvern, UNITED KINGDOM

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2006127307	A1	20060615	
APPLICATION INFO.:	US 2004-543757	A1	20040121	(10)
	WO 2004-GB182		20040121	
			20050729	PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2003-2283	20030131

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA, 22203, US
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 932
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 14 USPATFULL on STN
TI Biomaterial
AB Bioactive silicon comprising a porous form of silicon which when in vivo elicits a specific biological response that results in the formation of a bond between living tissue and the silicon. The deposition of apatite provides an indication that the porous silicon is bioactive and therefore biocompatible. Bioactive silicon may be used in the fabrication of biosensors for in vitro or in vivo applications.
ACCESSION NUMBER: 2001:214757 USPATFULL
TITLE: Biomaterial
INVENTOR(S): Canham, Leigh T, Malvern, United Kingdom
PATENT ASSIGNEE(S): QinetiQ Limited, London, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6322895	B1	20011127	
	WO 9706101		19970220	
APPLICATION INFO.:	US 1998-258		19980130	(9)
	WO 1996-GB1863		19960801	
			19980130	PCT 371 date
			19980130	PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1995-15956	19950803
	GB 1995-24242	19951128
	GB 1996-11437	19960531

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Jones, Deborah
ASSISTANT EXAMINER: Stein, Stephen
LEGAL REPRESENTATIVE: Nixon & Vanderhye
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 6
NUMBER OF DRAWINGS: 10 Drawing Figure(s); 7 Drawing Page(s)
LINE COUNT: 857
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 10 OF 14 USPATFULL on STN
TI Devices and methods for the treatment of cancer
AB The invention relates to the treatment of cancer. In particular the invention relates to an internal therapeutic product comprising: (i) an anti-cancer component selected from one or both of: a radionucleotide, a cytotoxic drug; and (ii) a silicon component selected from one or more of: resorbable silicon, biocompatible silicon, bioactive silicon, porous silicon, polycrystalline silicon, amorphous silicon, and bulk crystalline silicon, the internal therapeutic product being for the treatment of cancer.
ACCESSION NUMBER: 2004:120016 USPATFULL
TITLE: Devices and methods for the treatment of cancer

INVENTOR(S):	Aston, Roger, Malvern, UNITED KINGDOM Canham, Leigh T, Malvern, UNITED KINGDOM			
	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004091421	A1	20040513	
APPLICATION INFO.:	US 2003-468742	A1	20030822	(10)
	WO 2002-GB721		20020220	
	NUMBER		DATE	
PRIORITY INFORMATION:	GB 2001-4383		20010222	
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	APPLICATION			
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714			
NUMBER OF CLAIMS:	15			
EXEMPLARY CLAIM:	1			
LINE COUNT:	948			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.